

QA Engineer Interview Questions - Gurucul Role

1. General QA/Manual Testing Questions

- What is the difference between verification and validation in software testing?
- How do you prioritize test cases in a tight deadline situation?
- What is the difference between severity and priority in bug tracking? Can you give examples?
- How do you ensure maximum test coverage for a feature or module?
- What is a test case? Can you explain the structure of a good test case?
- What is regression testing? When and how do you perform it?
- What is your approach to exploratory testing?
- How do you handle requirement changes during testing?

2. Functional, Integration & Regression Testing

- How do you perform functional testing of a web application?
- Can you explain a real scenario where you performed integration testing?
- How do you manage regression test suites in an agile project?
- How do you verify that a bug fix didn't break existing functionality?

3. SQL & Database Testing

- Write an SQL query to find duplicate records in a table.
- How do you validate backend data from UI forms?
- Have you written complex joins or used subqueries in testing scenarios?
- How do you ensure data integrity when testing database interactions?

4. API Testing

- How do you test REST APIs using Postman or similar tools?
- What's the difference between PUT and POST methods in REST?
- What kind of response validations do you perform in API testing?
- How do you test authentication-protected APIs?

5. Test Case Management & Defect Tracking

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- Which test case management tools have you used (e.g., TestRail, Zephyr)?
- How do you handle duplicate bug reports?
- Describe a complete bug lifecycle from discovery to closure.
- What information do you include in a defect report?

6. Linux/OS Level Knowledge

- How do you check if a web server is running on a Linux machine?
- How do you use basic Linux commands to navigate and check logs?
- How do you copy a file from one directory to another in Linux?

7. Agile & Team Collaboration

- What is your experience working in Agile environments?
- What is your role during sprint planning and daily standups?
- How do you report your progress to developers and stakeholders?
- Have you worked on user stories and acceptance criteria?

8. Automation Testing (Bonus Questions)

- Do you have experience with automation tools like Selenium or TestNG?
- Have you ever automated any repetitive test cases? How?
- What are the advantages of automating regression tests?

9. Behavioral Questions

- Tell me about a challenging bug you found and how you handled it.
- Describe a time when you had a conflict with a developer. How did you resolve it?
- How do you keep yourself updated with new testing tools and trends?